

We Claim:

1. A printing substrate, said printing substrate comprising a weft inserted,
5 warp knit fabric web having at least an 8X9 construction.

2. The printing substrate according to Claim 1, further including a print
receptive coating.

10 3. The printing substrate according to Claim 2, wherein said print
receptive coating is primarily polyvinyl chloride.

4. The printing substrate according to Claim 3, wherein said print
receptive coating is a vinyl and acrylate blend.

15 5. The printing substrate according to Claim 2, wherein said print
receptive coating is a plastisol coating.

20 6. The printing substrate according to Claim 2, wherein said print
receptive coating further includes an opacifier.

7. The printing substrate according to Claim 6, wherein said opacifier is
about 20 wt.% of said print receptive coating.

25 8. The printing substrate according to Claim 7, wherein said opacifier is
titanium dioxide.

9. The printing substrate according to Claim 2, wherein said print
receptive coating further includes a flame retardant.

10. A printing substrate, said printing substrate comprising a weft inserted, warp knit fabric web finished in a single operation having at least an 8X9 construction.

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11. The printing substrate according to Claim 10, wherein said fabric web is substantially distortion free.

12. The printing substrate according to Claim 11, wherein the variation in the warp direction of the finished fabric web is less than about 6%.

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13. The printing substrate according to Claim 12, wherein the variation in the warp direction of the finished fabric web is less than about 3%.

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14. The printing substrate according to Claim 11, wherein the variation in the weft direction of the finished fabric web is less than about 16%.

15. The printing substrate according to Claim 14, wherein the variation in the weft direction of the finished fabric web is less than about 5%.

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16. The printing substrate according to Claim 10, wherein said finished fabric web is formed from synthetic yarn.

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17. The printing substrate according to Claim 16, wherein said finished fabric web is formed from polyester yarn.

18. The printing substrate according to Claim 10, wherein said finished fabric web is greater than about 72 inches wide.

19. The printing substrate according to Claim 18, wherein said finished fabric web is greater than about 96 inches wide.

20. The printing substrate according to Claim 19, wherein said finished fabric web is greater than about 120 inches wide.

21. The printing substrate according to Claim 10, wherein said fabric web is formed with between about an 8X9 and an 18X18 construction.

22. The printing substrate according to Claim 21, wherein said fabric web is formed with about a 9X18 construction.

23. The printing substrate according to Claim 10, wherein said fabric web is formed from at least 500d ends.

24. A printing substrate, said printing substrate comprising:
- (a) a weft inserted, warp knit fabric web finished in a single operation having at least an 8X9 construction; and
 - (b) a print receptive coating.

25. The printing substrate according to Claim 24, wherein said print receptive coating is primarily polyvinyl chloride.

26. The printing substrate according to Claim 25, wherein said print receptive coating is a vinyl and acrylate blend.

27. The printing substrate according to Claim 24, wherein said print receptive coating is a plastisol coating.

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28. The printing substrate according to Claim 24, wherein said print receptive coating further includes an opacifier.

29. The printing substrate according to Claim 28, wherein said opacifier is about 20 wt.% of said print receptive coating.

30. The printing substrate according to Claim 29, wherein said opacifier is titanium dioxide.

31. The printing substrate according to Claim 24, wherein said print receptive coating further includes a flame retardant.

32. The printing substrate according to Claim 24, wherein said fabric web is substantially distortion free.

33. The printing substrate according to Claim 32, wherein the variation in the warp direction of the finished fabric web is less than about 6%.

34. The printing substrate according to Claim 33, wherein the variation in the warp direction of the finished fabric web is less than about 3%.

35. The printing substrate according to Claim 32, wherein the variation in the weft direction of the finished fabric web is less than about 16%.

36. The printing substrate according to Claim 35, wherein the variation in the weft direction of the finished fabric web is less than about 5%.

37. The printing substrate according to Claim 24, wherein said finished fabric web is formed from synthetic yarn.

38. The printing substrate according to Claim 37, wherein said finished fabric web is formed from polyester yarn.

5 39. The printing substrate according to Claim 24, wherein said finished fabric web is greater than about 72 inches wide.

40. The printing substrate according to Claim 39, wherein said finished fabric web is greater than about 96 inches wide.

10 41. The printing substrate according to Claim 40, wherein said finished fabric web is greater than about 120 inches wide.

42. The printing substrate according to Claim 24, wherein said fabric web formed with between about an 8X9 and an 18X18 construction.

15 43. The printing substrate according to Claim 42, wherein said fabric web formed with about a 9X18 construction.

20 44. The printing substrate according to Claim 24, wherein said fabric web is formed from at least 500d ends.

45. A method for forming and finishing a continuous fabric web in a single operation to produce a printing substrate, said method comprising the steps of:

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- (a) forming a continuous fabric web at a fabric web forming station; and
 - (b) receiving said continuous fabric web directly from said fabric web forming station and providing a print receptive finishing treatment to said continuous fabric web.

46. A method for forming and finishing a continuous fabric web in a single operation to produce a printing substrate, said method comprising the steps of:

- 5 (a) forming a continuous fabric web at a fabric web forming station; and
- (b) receiving said continuous fabric web directly from said fabric web forming station and providing a finishing treatment to said continuous fabric web at a finishing station, said finishing station including: an applicator having (i) a liquid, print receptive coating supply; (ii) an elongated pan extending across the width of said fabric web for containing said liquid coating; and (iii) an elongated knurled roller positioned in said pan in direct contact with said liquid coating and in direct contact with the bottom surface of said fabric web, whereby the rotation of said knurled roller transfers a predetermined amount of said liquid coating to said fabric web.
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47. A method for forming and finishing a continuous fabric web in a single operation to produce a printing substrate, said method comprising the steps of:

- 20 (a) forming a continuous fabric web at a fabric web forming station;
- (b) receiving said continuous fabric web directly from said fabric web forming station and providing a finishing treatment to said continuous fabric web at a finishing station, said finishing station including: an applicator having (i) a liquid, print receptive coating supply; (ii) an elongated pan extending across the width of said fabric web for containing said liquid coating; and (iii) an elongated knurled roller positioned in said pan in direct contact with said liquid coating and in direct contact with the bottom surface of said fabric web, whereby the rotation of
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said knurled roller transfers a predetermined amount of said liquid coating to said fabric web; and

- (c) providing a fabric web reserve between said fabric web forming station and said finishing station.

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